Index of Claims

| Application/Control No | App | licati | on/Co | วท | tro | ı | No |
|------------------------|-----|--------|-------|----|-----|---|----|
|------------------------|-----|--------|-------|----|-----|---|----|

09/402,093

Examiner

Applicant(s)/Patent under Reexamination

**OHSUYE ET AL.** 

Art Unit

1652

Elizabeth Slobodyansky, PhD

√ Rejected
= Allowed

|  | _ | (Through numeral)<br>Cancelled |
|--|---|--------------------------------|
|  | ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
|   | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla      | aim  |              | _        | _        | _ [      | Dat  | e  |  |  | _        | ]            | Cla          | aim                     |                | _        |  | _ [          | Dat      | e             | ,        |  |              | ] | С            |
|----------|--|--------------|----------|----------|----------|--|--|--|--|----------|--------------|--------------|-------------------------|----------------|----------|--|--------------|----------|---------------|----------|--|--------------|---|--------------|
| Final    | Original   |              |          |          |          |  |  |  |  |          |              | Final        | Original                | 1/25/06        |          |  |              |          |               |          |  |              |   | Final        |
|          | 1  |              |          |          |          |  |  |  |  | L        |              |              | 5/2<br>5/2<br>5/8<br>54 |                | t        |  |              |          |               |          |  |              |   |              |
|          | 1  | <u> </u>     | <u> </u> | _        | <u> </u> | <u> </u>   | ļ  | <u> </u>   |  | L        | 1            | <u></u>      | 52                      | <u> </u>       | ╄        | <u> </u>   | ㄴ            | _        |               | <u> </u> | L  | <u> </u>     | 1 | <u> </u>     |
|          | <b>₽</b>   |              | _        |          | _        | _  | _  | ⊢  |  | <u> </u> | 1            |              | 56                      | 0              | ╄        | ┞  | <u> </u>     | -        |               |          | _  | _            | 1 |              |
|          | 1  | H            | _        | -        |          | -  | -  | ⊢  | -  | ├        | ┨            |              | 54                      | 1              | 1        | ╁  | -            | -        |               | -        | <u> </u>   |              | ł | ⊢—           |
|          | 1  | $\vdash$     | $\vdash$ | ⊢        |          |  | ┡  | <del> </del>                                     |  | ├—       | ┨            |              | 55<br>56                | H              | ╀        | ╁  | $\vdash$     | ├        | _             | ┢        | <del> </del>                                     | _            | ł |              |
| -        | 1  | ┢            | -        | ┢        | ⊢        | ⊢  | $\vdash$   | ├  | ⊢  | ┢        | ┨            |              | 57                      | H              | ╫        | $\vdash$   | ├—           | -        | ├             | -        | ├  |              | 1 |              |
| _        | 8  | ┢            | ┢        | ┢        | ┢        | ┢  | -  | ┢  |  | ╁        | ┨            |              | 58                      | H              | ╁╌       | $\vdash$   | -            | $\vdash$ |               | $\vdash$ | <del>                                     </del> | -            | 1 | -            |
| -        | 3  | <del> </del> |          | ┢        | -        | -  | ╁╌   | H  | ┢  | H        | 1            |              | 59                      | H              | ╁╌       | ╁  | -            | ┢        |               |          | ╁  |              | 1 | -            |
|          | 1 <b>b</b>   |              | $\vdash$ |          |          | <del>                                     </del> | ┢  | $\vdash$   | 1  | H        | 1            |              | 60                      | H              | +        | H  | $\vdash$     |          |               |          | i  |              | 1 |              |
|          | 1  | -            | $\vdash$ | -        | 1        |  | $\vdash$   | <u> </u>   | Г  |          | 1            |              | 61                      | H              | +        | ✝  |              | $\vdash$ | $\vdash$      | T        | 1  |              | 1 |              |
|          | 12   |              |          |          |          | _  |  | T  |  |          |              |              | 62                      | T              | $\top$   | T  | _            |          | $\vdash$      | T        |  |              | 1 |              |
|          | 13   |              |          |          |          |  |  | İ  |  |          | 1            |              | 63                      | П              |          |  |              |          |               |          |  |              | 1 |              |
|          | 14   |              |          |          |          |  |  |  |  |          |              |              | 64                      | П              |          |  |              |          |               |          |  |              |   |              |
|          | 15   |              |          |          |          |  |  |  |  |          |              |              | 65                      | $\prod$        |          |  |              |          |               |          | Ε.   |              |   |              |
|          | 16   |              |          |          |          |  |  |  |  |          |              |              | 66                      |                |          |  |              |          |               |          |  |              |   |              |
| <u></u>  | 17   |              |          | _        | <u>L</u> |  |  |  |  |          | 1            |              | 67                      | Ц              | <u> </u> | <u> </u>   | <u> </u>     | <u> </u> |               | L        | L  | L            |   | <u> </u>     |
|          | 18   | _            | _        |          | L_       |  |  | L.   |  | _        |              |              | 68                      | Ц              | ┦_       | <u> </u>   | L            |          | <u> </u>      |          | <u> </u>   |              |   |              |
|          | 19   | _            | _        | _        | _        | _  | L  | _  | _  | <u> </u> |              |              | 69                      | Ц              | $\perp$  | _  |              | _        | <u> </u>      | <u> </u> | _  | <u> </u>     |   | <u> </u>     |
|          | 20   | _            | <u> </u> | <u> </u> | <u> </u> | <u> </u>   | _  | _  | <u> </u>   | <u> </u> | -            |              | 70                      | Н              | +        | 1  | _            | <u> </u> | <u> </u>      | _        |  | _            |   | <u> </u>     |
| -        | 41   | _            | <u> </u> | <u> </u> | ├        | _  | <u> </u>   | ├  | <u> </u>   | <u> </u> |              | -            | 71                      | Н              | -        | ╀  | _            | <u> </u> | _             | <u> </u> | _  | _            | - | -            |
| $\vdash$ | <del>4</del>   | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$   | ⊢  | ⊢  | $\vdash$   |          | ł            |              | 72<br>73                | Н              | +        | $\vdash$   |              | -        | -             | -        | ├  | <del> </del> | 1 | <del> </del> |
| -        | 34   |              | $\vdash$ | $\vdash$ | $\vdash$ | ⊢  | ⊢  |  | -  | ┢        | $\mathbf{I}$ | <u> </u>     | 74                      | H              | +        | ├-   | ├—           | ├        | <del> </del>  | ├-       | ├—   | <del> </del> | : |              |
| <u> </u> | 4  | -            | ⊢        | -        | ├        | ┢  | <del> </del>                                     | ┢  |  | ┢        | 1            | <del> </del> | 75                      | H              | ╁        | -  | ├-           | ├        | -             | ├        | H  | ├—           | 1 |              |
|          | *  |              |          |          | $\vdash$ |  |  | $\vdash$   | $\vdash$   | ┢        | 1            |              | 76                      | H              | ╁        |  | ├            |          | -             | -        | -  | -            | ł |              |
|          | 20<br>21<br>22<br>23<br>24<br>25<br>27<br>28<br>28<br>39 |              | _        |          | -        | $\vdash$   |  |  | -  | _        | 1            |              | 77                      | H              | ╁        | $\vdash$   | $\vdash$     | _        | _             | -        | Н  | $\vdash$     | ł | <u> </u>     |
|          | 28   |              | -        |          | -        | ┢  | <del>                                     </del> | <del>                                     </del> |  | $\vdash$ | į            |              | 78                      | Ħ              | +-       | 1  |              |          |               |          | -  | -            | 1 |              |
|          | 29   |              |          |          |          |  |  | $\vdash$   |  |          | i            |              | 79                      | Ħ              | $\top$   | 1  | $\vdash$     | _        | $\overline{}$ | $\vdash$ |  | $\vdash$     | 1 |              |
|          | 3b   |              |          |          |          | Г  | П  | Т  |  |          | ĺ            |              | 80                      | Ħ              | T        |  |              | _        |               |          |  |              | 1 |              |
|          | 31   |              |          |          |          |  |  |  |  |          | ĺ            |              | 81                      | T              | T        |  |              |          |               |          |  |              | 1 |              |
|          | 32   |              |          |          |          |  |  |  |  |          | ]            |              | 82                      |                |          |  |              |          |               |          |  |              |   |              |
|          | 3β   |              |          |          |          |  |  |  |  |          | ],           |              | 83                      |                |          |  |              |          |               |          |  |              |   |              |
|          | 34   |              | L        | L        |          |  | L  | ļ  |  | L        | 1            | ļ            | 84                      | 4              | 1        | <u> </u>   | <u> </u>     |          |               | L        | <u> </u>   |              |   |              |
|          | 35   | <u> </u>     | L        | <u> </u> | <u> </u> | <u> </u>   | <b> </b>   | <u> </u>   | <u> </u>   | <u> </u> | 1            | <u> </u>     | 85                      | 4              | $\vdash$ | _  | <u> </u>     | <u> </u> |               | <u> </u> | <u> </u>   |              |   |              |
| -        | 36   | <u> </u>     | <u> </u> | <u> </u> | <u> </u> | <u> </u>   | ļ  | _  | <u> </u>   | <u> </u> | ł            |              | 86                      | 4              | ┼        | <b> </b>   | <del> </del> | ╙        | _             | <u> </u> |  | <u> </u>     |   | <u> </u>     |
|          | 37   | <u> </u>     | -        | <u> </u> | -        | <u> </u>   | -  | <u> </u>   | _  | <u> </u> | 1            |              | 87                      | $oldsymbol{+}$ | +-       | <u> </u>   |              | -        |               | $\vdash$ |  | _            | 1 | _            |
| <u> </u> | 38<br>39   | $\vdash$     | $\vdash$ | $\vdash$ | ┝        | $\vdash$   | -  | $\vdash$   | $\vdash$   | $\vdash$ | '            | <u> </u>     | 88<br>89                | H              | +-       | $\vdash$   | -            | $\vdash$ | _             | 1        | $\vdash$   | _            | 1 | _            |
|          | 40   | $\vdash$     | $\vdash$ | $\vdash$ | <u> </u> | $\vdash$   | $\vdash$   | ├—   | ⊩  | _        | 1            | <u> </u>     | 90                      | +              | +        | -  | -            | <u> </u> | -             | $\vdash$ | -  |              |   |              |
|          | 41   | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$ | ⊢  | $\vdash$   | -  | $\vdash$   |          |              | <u> </u>     | 91                      | H              | +        | <del>                                     </del> | $\vdash$     | $\vdash$ | _             | $\vdash$ | $\vdash$   | -            | 1 |              |
|          | 42   | $\vdash$     |          |          | -        | <del> </del>                                     | ├-   | $\vdash$   | ├  | -        | 1            | <b> </b>     | 92                      | +              | +        | <del> </del>                                     |              | -        | -             | ├        | -  | -            | 1 |              |
| $\vdash$ | 43   | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$   |  | $\vdash$   | Η.   | -        | 1            | $\vdash$     | 93                      | t              | +-       | t  | $\vdash$     |          | -             | $\vdash$ |  | $\vdash$     | 1 |              |
| $\vdash$ | 44   |              | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$   | <del> </del>                                     | <del>                                     </del> | $\vdash$ |              |              | 94                      | t              | +        | $\vdash$   | Н            | $\vdash$ |               |          |  | -            | 1 |              |
|          | 45   |              |          |          |          |  | $\vdash$   |  |  | $\vdash$ |              |              | 95                      | Ħ              | T        | t  |              |          |               |          |  | -            |   |              |
| $\Box$   | 46   |              | П        | П        |          |  | T  |  | Т  |          | 1            |              | 96                      | T              | T        |  |              |          | -             |          |  |              |   |              |
|          | 47   | _            |          | Г        | Г        |  |  |  | Т  |          |              |              | 97                      | *              | 1        | Τ_   |              |          |               |          |  |              |   |              |
|          | 48   |              |          |          |          |  |  |  |  |          |              |              | 98                      |                |          |  |              |          |               |          |  |              |   |              |
|          | 49   |              |          |          |          |  |  |  |  |          |              |              | 99                      |                |          |  |              |          |               |          |  |              |   |              |
|          | 5 <b>0</b>   |              |          |          |          |  |  |  |  |          |              |              | 100                     |                |          |  |              |          |               |          |  |              | Ì |              |

| Cli      | aim                      | Γ        |  |              |  | Date         | е—<br>е      |  |          |          |
|----------|--------------------------|----------|--|--------------|--|--------------|--------------|--|----------|----------|
|          |                          |          |  | Π            | Π  |              |              |  |          | П        |
| Final    | Original                 |          |  |              |  |              |              |  |          |          |
|          | 101                      |          |  | -            |  |              |              | <del>                                     </del> |          | П        |
|          | 102                      |          |  |              |  |              |              |  |          |          |
|          | 102<br>103               |          |  |              |  |              |              |  |          |          |
|          | 104                      |          | _  | _            | L  | _            | <u> </u>     | <u> </u>   | _        | Ш        |
|          | 105<br>106               |          | _  | <u> </u>     | _  | <u> </u>     | <u> </u>     | _  | <u> </u> |          |
|          | 106                      |          |  | <u> </u>     | <u> </u>   | <u> </u>     | <u> </u>     |  | ⊢        |          |
| -        | 107<br>108               |          | -  | -            | ┢  | H            | -            | ⊢  | ┢        | -        |
|          | 109                      |          | -  | -            | ┢  |              | ┢            | $\vdash$   |          | Н        |
|          | 110                      | $\vdash$ | ┢  | ┞            | -  |              | ┢            | -  | $\vdash$ | Н        |
|          | 110<br>111               |          |  |              |  |              |              | T  |          | М        |
|          | 112                      |          |  |              |  |              |              |  |          |          |
|          | 113                      |          |  |              |  |              |              |  |          |          |
|          | 113<br>114<br>115        |          |  |              |  |              |              |  |          |          |
| -        | 115                      |          | _  | _            |  |              |              | _  | <u> </u> | Ш        |
|          | 116<br>117               |          | <u>                                     </u> | ļ            | <u> </u>   |              |              |  | <u> </u> | Щ        |
|          | 11/                      |          | _  | _            |  | _            | _            | L  | ┡        | Ш        |
|          | 118<br>119               |          |  | -            |  | -            |              |  | _        | $\vdash$ |
| $\vdash$ | 120                      |          | ├  | ├            | ┢  | ├─           | <del> </del> | -  | ⊢        | -        |
|          | 121                      |          | $\vdash$                                     | -            | <del>                                     </del> | -            | -            | -  | ┢        | $\vdash$ |
|          | 122                      |          |  | <u> </u>     |  |              |              | _  | -        | П        |
|          | 121<br>122<br>123        |          |  |              |  |              |              |  |          | П        |
|          | 124<br>125<br>126        |          |  |              |  |              |              |  |          |          |
|          | 125                      |          | L  |              |  |              | _            |  |          |          |
|          | 126                      |          |  |              |  |              |              |  | -        | Ш        |
|          | 127<br>128<br>129<br>130 |          | <u> </u>                                     | _            |  | <u> </u>     | _            | ┝  | _        | Н        |
|          | 128                      |          | <u> </u>                                     |              | _  |              |              | ┝  |          | Н        |
|          | 129                      |          | $\vdash$                                     |              | -  | -            |              | $\vdash$   |          | Н        |
| <b>—</b> | 131                      |          | $\vdash$                                     |              |  | -            |              |  | -        | H        |
|          | 132                      |          |  | _            |  | -            |              | H  | -        | Н        |
|          | 132<br>133               |          |  | _            |  |              |              |  |          | П        |
|          | 134                      |          |  |              |  |              |              |  |          |          |
|          | 135<br>136               |          |  |              |  |              |              |  |          |          |
|          | 136                      |          | _  |              | <u> </u>   |              | <u> </u>     |  |          | Ш        |
|          | 137                      |          |  |              |  |              |              |  |          | Ш        |
|          | 138<br>139               |          |  | _            | <u> </u>   | _            |              | _  | -        | Н        |
|          | 140                      | _        | _  | ⊢            | $\vdash$   | $\vdash$     | _            |  | ⊩        | Н        |
|          | 141                      | -        |  | <del> </del> | $\vdash$   | -            | <u> </u>     |  | $\vdash$ | Н        |
|          | 142                      |          | _  | <del> </del> | -  | <del> </del> | _            | -  | $\vdash$ | Н        |
|          | 143                      |          |  | $\vdash$     | $\vdash$   | $\vdash$     |              |  | $\vdash$ | Н        |
|          | 144                      |          |  | Т            | Г  | Г            |              |  |          | П        |
|          | 145                      |          |  |              |  |              |              |  |          |          |
|          | 146                      |          |  |              |  |              |              |  |          |          |
|          | 147                      |          |  |              | L  |              |              |  |          |          |
|          | 148                      |          |  |              |  |              |              | <u> </u>   | <u> </u> |          |
|          | 149                      | _        |  | <u> </u>     | _  |              | _            |  |          | $\vdash$ |
| لـــــا  | 150                      |          | Ц.   |              |  | L            |              | L  | L        | L        |